Title (en)

Storage system and access count equalization method therefor

Title (de)

Speichersystem und Verfahren zum Zugangszählungsausgleich dafür

Title (fr)

Système de stockage et procédé correspondant d'égalisation de compte d'accès

Publication

**EP 2026187 A3 20120704 (EN)**

Application

**EP 08250168 A 20080114**

Priority

JP 2007207232 A 20070808

Abstract (en)

[origin: EP2026187A2] This invention aims to optimize an entire storage system by equalizing the access counts in appropriate units. When migrating data in pool volumes to equalize the data access counts, which data migration - data migration in units of pages or data migration in units of volumes - is most appropriate is judged based on the information stored in an access information table storing access information, which is the information about the access counts for the data stored in the disk drives and, based on the judgment, data is migrated in units of pages or volumes so that the data access counts are equalized among groups. The data migration is repeated until the data access counts are equalized among the groups.

IPC 8 full level

**G06F 3/06** (2006.01)

CPC (source: EP US)

**G06F 3/0604** (2013.01 - EP US); **G06F 3/0647** (2013.01 - EP US); **G06F 3/0689** (2013.01 - EP US)

Citation (search report)

- [I] WO 2004066278 A2 20040805 - EQUALLOGIC INC [US], et al
- [I] US 7185163 B1 20070227 - KNIGHT MARGARET E [US], et al
- [A] US 2004260875 A1 20041223 - MUROTANI AKIRA [JP], et al

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CN113407114A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2026187 A2 20090218**; **EP 2026187 A3 20120704**; JP 2009043016 A 20090226; US 2009254701 A1 20091008; US 7949827 B2 20110524

DOCDB simple family (application)

**EP 08250168 A 20080114**; JP 2007207232 A 20070808; US 1004708 A 20080118